UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUMMARIES OF DATA ON AND LISTS OF REFERENCES TO METALLIC AND SELECTED NONMETALLIC MINERAL OCCURRENCES IN ELEVEN QUADRANGLES IN NORTHERN ALASKA, SUPPLEMENT TO OPEN-FILE REPORT 75-628

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This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.

Introduction

This report was prepared as a supplement to a 1975 report which summarized data on mineral occurrences in northern Alaska (Cobb, E. H., 1975, Summary of references to mineral occurrences (other than mineral fuels and construction materials) in northern Alaska: U.S. Geological Survey Open-File Report 75-628, 106 p.). As a result of suggestions from users of the series of which the 1975 report is a part, this supplement is released in two parts; Part A, which presents summaries of data to January 1, 1981, and Part B, which consists of reference lists for each occurrence.

In Part A data from most reports released between the cut-off date (January 1, 1975) for the original report and January 1, 1981, have been incorporated in new or rewritten summaries where appropriate. For each occurrence described in Part A, the name, U.S. Bureau of Mines mining district, reference (if any) that has the occurrence plotted on a map at a scale of 1:250,000, list of mineral commodities, and location data are in the same format as in the 1975 report. This report does not include references to bentonite because it is so widespread in rocks of Cretaceous age north of the Brooks Range that including the few occurrences for which there are specific data would give a false impression of scarcity. Data on mineral occurrences in the Ambler River, Philip Smith Mountains, and Survey Pass quadrangles have been or will be released in separate reports. The only commodity listed in the 1975 report in the Umiat quadrangle is bentonite, so that quadrangle does not appear in this report. Also included at the end of Part A are updated lists of synonyms, owners, operators, and claim names.

In both parts citations are in standard bibliographic format with the exception that references to reports and maps in numbered publication series also show, in parentheses, an abbreviation for the report or map series and the number of the report or map. Abbreviations used are:

B	U.S. Geological Survey Bulletin
C	U.S. Geological Survey Circular
OF	U.S. Geological Survey Open-File Report
MF	U.S. Geological Survey Miscellaneous Field Studies Map
P	U.S. Geological Survey Professional Paper
TDM	Alaska Territorial Department of Mines Pamphlet
USBM OF	U.S. Bureau of Mines Open-File Report

In Part B each citation to the principal references used in preparing summaries in Part A is preceded by an asterisk. The form of citation used in the reference list for each occurrence is considered sufficient identification for each numbered report or map to be found easily in most libraries. Complete references to reports without identifying numbers are listed at the end of Part B.

The following seven U.S. Bureau of Mines Open-File Reports were not used in preparing this supplement because descriptions of most occurrences are not sufficiently detailed to allow evaluation of deposits. In many descriptions it is not possible to determine if a potentially valuable mineral was identified or if the report is based solely on an analysis of a sample collected during a geochemical survey. Most specific data are also

in other reports, such as Degenhart and others, 1978 (USBM OF 103-78) and Grybeck, 1977 (OF 77-166C).

Staff, Alaska Field Operations Center, 1978, Mineral data appraisal of the proposed Noatak National Ecological Reserve, Alaska: a preliminary comment: U.S. Bureau of Mines Open-File Report 67-78, 33 p.

_____, 1978, Mineral appraisal of the proposed Gates of the Arctic Wilderness National Park, Alaska: a preliminary comment: U.S. Bureau of Mines Open-File Report 109-78, 29 p.

_____, 1978, Mineral appraisal of the proposed Kobuk Valley National Park, Alaska: a preliminary comment: U.S. Bureau of Mines Open-File Report 110-78, 31 p.

_____, 1979, A mineral appraisal of the areas traversed by the Kobuk, Killik, Alatna and John Rivers and the North Fork of the Koyukuk River, Brooks Range, Alaska: a summary report: U.S. Bureau of Mines Open-File Report 36-79, 23 p.

_____, 1979, A mineral appraisal of the areas traversed by the Salmon and Noatak Rivers in the western Brooks Range: a summary report: U.S. Bureau of Mines Open-File Report 50-79, 16 p.

_____, 1980, Mineral appraisal of the proposed Utukok and Colville Wild and Scenic Rivers: a summary report: U.S. Bureau of Mines Open-File Report 37-80, 8 p.

_____, 1980, Mineral deposits of the Cape Krusenstern area, Alaska: a preliminary comment: U.S. Bureau of Mines Open-File Report 42-80, 22 p.

ARCTIC QUADRANGLE

(Chandalar R., headwaters)

*Brosgé and Reiser, 1976 (OF 76-539), loc. 46
Grybeck, 1977 (OF 77-166C), p. 41, loc. 1

(Ivishak R.)

*Barker, 1978 (USBM OF 63-78), p. 11, 21

(Koness R., headwaters)

*Barker, 1978 (USBM OF 63-78), p. 10, 22

(Porcupine Lake)

*Barker, 1978 (USBM OF 63-78), p. 11-12, 20

Unnamed occurrence, copper (68°05'N, 146°21'W approx.)

*Barker, 1978 (USBM OF 63-78), p. 20

Unnamed occurrence, copper (68°16'N, 146°44'W approx.)

*Barker, 1978 (USBM OF 63-78), p. 10, 20

Unnamed occurrence, copper (68°58'N, 146°13'W approx.)

*Barker, 1978 (USBM OF 63-78), p. 12, 21

BAIRD MOUNTAINS QUADRANGLE

(Bear Cr.)

*Reed, 1931, p. 11, 14
Smith, 1936 (B 868-A), p. 55
Cobb, 1972 (MF-386), loc. 4
Cobb, 1975 (OF 75-628), p. 31

(Boldrin Cr.)

*Reed, 1931, p. 11
Cobb, 1972 (MF-386), loc. 5
Cobb, 1975 (OF 75-628), p. 32

(Canyon Cr.)

*Reed, 1931, p. 13
Cobb, 1975 (OF 75-628), p. 33

(Caribou Cr.)

*Reed, 1931, p. 12, 14
Cobb, 1972 (MF-386), loc. 6
Cobb, 1975 (OF 75-628), p. 34
Grybeck, 1977 (OF 77-166C), p. 11, loc. 11

(Central Cr.)

Reed, 1931, p. 6, 12-14
Smith, 1933 (B 844-A), p. 51
Smith, 1934 (B 864-A), p. 53
Smith, 1936 (B 868-A), p. 55
Smith, 1937 (B 880-A), p. 58
Smith, 1938 (B 897-A), p. 67
Cobb, 1972 (MF-386), loc. 10
Cobb, 1973 (B 1374), p. 58
*Cobb, 1975 (OF 75-628), p. 35

Chevron

Grybeck, 1977 (OF 77-166C), p. 12, loc. 14
*Degenhart and others, 1978 (USBM OF 103-78), p. 128, 322-326

(Cross Cr.)

*Reed, 1931, p. 11
Cobb, 1975 (OF 75-628), p. 36

(Eli R.)

Brosgé and others, 1967, sample R190
Cobb, 1972 (MF-386), loc. 1
Cobb, 1975 (OF 75-628), p. 37
*Degenhart and others, 1978 (USBM OF 103-78), p. 127, 333-339, 492.

Eskimo

*Grybeck, 1977 (OF 77-166C), p. 11, loc. 2

Frost

*Grybeck, 1977 (OF 77-166C), p. 11, loc. 9
*Degenhart and others, 1978 (USBM OF 103-78), p. 3, 24, 63, 96, 128, 280-297, 487, 492
Grybeck and DeYoung, 1978 (OF 78-1-B), p. 3

Gallahorn

*Grybeck, 1977 (OF 77-166C), p. 11, loc. 6

(Gold Run Cr.)

*Reed, 1931, p. 12
Cobb, 1972 (MF-386), loc. 8
Cobb, 1975 (OF 75-628), p. 38
Grybeck, 1977 (OF 77-166C), p. 11, loc. 11

(Homestake Cr.)

*Reed, 1931, p. 13
Cobb, 1972 (MF-386), loc. 7
Cobb, 1973 (B 1374), p. 58
Cobb, 1975 (OF 75-628), p. 39

Hub

Grybeck, 1977 (OF 77-166C), p. 12, loc. 15
*Degenhart and others, 1978 (USBM OF 103-78), p. 128, 315-321, 492

(Joe Gulch)

*Reed, 1931, p. 12
Cobb, 1972 (MF-386), loc. 6
Cobb, 1975 (OF 75-628), p. 40
Grybeck, 1977 (OF 77-166C), p. 11, loc. 11

(Klery Cr.)

Smith, 1911 (B 480), p. 312-318
Brooks, 1912 (B 520), p. 42
*Smith, 1913 (B 536), p. 133-138
Brooks, 1914 (B 592), p. 72
Brooks, 1915 (B 622), p. 68
*Brooks, 1916 (B 642), p. 71
Martin, 1919 (B 692), p. 42
Brooks and Martin, 1921 (B 714), p. 95
Brooks, 1922 (B 722), p. 67
Brooks, 1923 (B 739), p. 44
Brooks and Capps, 1924 (B 755), p. 49
Brooks, 1925 (B 773), p. 51
Smith, 1926 (B 783), p. 17
Moffit, 1927 (B 792), p. 23
Smith, 1929 (B 797), p. 27-28
Smith, 1930 (B 810), p. 37
Smith, 1930 (B 813), p. 43-44
Smith and Mertie, 1930 (B 815), p. 327-330
*Reed, 1931, p. 4-14
Smith, 1932 (B 824), p. 49
Smith, 1933 (B 836), p. 50
Smith, 1933 (B 844-A), p. 51
Smith, 1934 (B 857-A), p. 48
Smith, 1934 (B 864-A), p. 53
Smith, 1936 (B 868-A), p. 55
Smith, 1937 (B 880-A), p. 58
Smith, 1938 (B 897-A), p. 67
Smith, 1939 (B 910-A), p. 71-72
Smith, 1939 (B 917-A), p. 70-71
Smith, 1941 (B 926-A), p. 67
Smith, 1942 (B 933-A), p. 63-64
*Anderson, 1947 (TDM 5-R), p. 23, 32, 41
*Cobb, 1973 (B 1374), p. 57-58
Cobb, 1972 (MF 386), loc. 6
Cobb, 1975 (OF 75-628), p. 41-42
Grybeck, 1977 (OF 77-166C), p. 11, loc. 11
*Degenhart and others, 1978 (USBM OF 103-78), p. 50, 128, 298-308, 492
Grybeck and Nokleberg, 1979 (C 804-B), p. B20

(Maiyumerak Mts.)

*Grybeck, 1977 (OF 77-166C), p. 11, loc. 1

(Mink Cr.)

*Reed, 1931, p. 13
Cobb, 1975 (OF 75-628), p. 43

Omar

*Grybeck, 1977 (OF 77-166C), p. 11, loc. 8
*Degenhart and others, 1978 (USBM OF 103-78), p. 3, 24-25, 63, 96, 127, 250-279, 487, 491
Grybeck and DeYoung, 1978 (OF 78-1-B), p. 3

(Pelu(c)k Cr.)

*Reed, 1931, p. 11
Cobb, 1972 (MF-386), loc. 4
Cobb, 1975 (OF 75-628), p. 45

(Salmon R.)

*Grybeck, 1977 (OF 77-166C), p. 12, loc. 16
*Degenhart and others, 1978 (USBM OF 103-78), p. 128, 327-332

(Salmon R., headwaters)

*Degenhart and others, 1978 (USBM OF 103-78), p. 316

(Temby)

Brosgé and others, 1967, sample B203
Cobb, 1972 (MF 386), loc. 3 [called (Salmon R.)]
Cobb, 1975 (OF 75-628), p. 46 [called (Salmon R.)]
Grybeck, 1977 (OF 77-166C), p. 12, loc. 17
*Degenhart and others, 1978 (USBM OF 103-78), p. 128, 309-314

(Timber Cr.)

*Reed, 1931, p. 13
Cobb, 1975 (OF 75-628), p. 48

Uhl

*Grybeck, 1977 (OF 77-166C), p. 11, loc. 7

Unnamed prospect, barite, zinc(?) (67°27'N, 160°44'W approx.)

*Grybeck, 1977 (OF 77-166C), p. 11, loc. 10

CHANDLER LAKE QUADRANGLE

(Anaktuvuk R.)

Wedow and others, 1952, p. 113
*Patton and Matzko, 1959 (P 302-A), p. 11, 13, 15
Cobb, 1975 (OF 75-628), p. 49
Grybeck, 1977 (OF 77-166C), p. 25, loc. 4

(Chandler Lake)

Wedow and others, 1952, p. 113
*Patton and Matzko, 1959 (P 302-A), p. 11-12, 15
Cobb, 1975 (OF 75-628), p. 50
Grybeck, 1977 (OF 77-166C), p. 25, loc. 1

(Kiruktagiak R.)

Wedow and others, 1952, p. 113
*Patton and Matzko, 1959 (P 302-A), p. 1-2, 6, 9-11, 15
Patton and Tailleur, 1964 (P 303-G), p. 497
Cobb, 1975 (OF 75-628), p. 51

(Natvakruak Lake)

*Patton and Matzko, 1959 (P 302-A), p. 11, 13, 15
Cobb, 1975 (OF 75-628), p. 52
Grybeck, 1977 (OF 77-166C), p. 25, loc. 3

(Tiglukpuk Cr.)

*Patton and Matzko, 1959 (P 302-A), p. 2, 6, 9-11, 15
Patton and Tailleur, 1964 (P 303-G), p. 497
Cobb, 1975 (OF 75-628), p. 53
Grybeck, 1977 (OF 77-166C), p. 25, loc. 2

DE LONG MOUNTAINS QUADRANGLE

(Ikuk Cr.)

Smith and Mertie, 1930 (B 815), p. 339
*Berg and Cobb, 1967 (B 1246), p. 101
Cobb, 1975 (OF 75-628), p. 54
Grybeck, 1977 (OF 77-166C), p. 9, loc. 1

Lik

*Bundtzen and Henning, 1978, p. 2
*Grybeck and Nokleberg, 1979 (C 804-B), p. B20
*Mayfield and others, 1979 (OF 79-1092), p. 17

(Mt. Kelly)

Smith, 1913 (B 536), p. 146-147
Smith and Mertie, 1930 (B 815), p. 338-339
*Cobb, 1975 (OF 75-628), p. 55
Grybeck, 1977 (OF 77-166C), p. 9, loc. 2

Red Dog

*Tailleur, 1970
Cobb, 1972 (MF-404)
Cobb, 1975 (OF 75-628), p. 56
Tailleur and others, 1976 (C 733), p. 28
Grybeck, 1977 (OF 77-166C), p. 9, loc. 7
Tailleur and others, 1977 (C 751-B), p. B24
Bundtzen and Henning, 1978, p. 2
Churkin and others, 1978 (C 772-B), p. B15

Churkin and others, 1978 (OF 78-70A), p. 3, 11
*Degenhart and others, 1978 (USBM OF 103-78), p. 3, 103, 124, 145-202, 487, 491
Grybeck and De Young, 1978 (OF 78-1-B), p. 3-4
Nokleberg and Winkler, 1978 (C 772-B), p. B17-B18
Nokleberg and Winkler, 1978 (OF 78-70C), p. 2, 13-14
Plahuta, 1978 (USBM OF 65-78)
*Plahuta and Robinson, 1978
*Grybeck and Nokleberg, 1979 (C 804-B), p. B20
Mayfield and others, 1979 (C 804-B), p. B12
*Mayfield and others, 1979 (OF 79-1092), p. 15, 17

Unnamed prospect, lead (68°14'N, 163°00'W)

Grybeck, 1977 (OF 77-166C), p. 9, loc. 4
*Degenhart and others, 1978 (USBM OF 103-78), p. 124, 203-209, 491

DEMARCATION POINT QUADRANGLE

(Aichillik R.)

*Tourtelot and Tailleur, 1971, p. 33, 61
Cobb, 1975 (OF 75-628), p. 57

(Arey Cr. tributary)

Cobb, 1975 (OF 75-628), p. 59
Brosgé and Reiser, 1976 (OF 76-539), loc. 37
Grybeck, 1977 (OF 77-166C), p. 42, loc. 2
*Sable, 1977 (P 897), p. 69

(Hubley Cr.)

Cobb, 1975 (OF 75-628), p. 58
Grybeck, 1977 (OF 77-166C), p. 42, loc. 6
*Sable, 1977 (P 897), p. 69

Unnamed occurrence, copper (69°17'N, 143°36'W)

*Brosgé and Reiser, 1976 (OF 76-539), loc. 38
Grybeck, 1977 (OF 77-166C), p. 42, loc. 7

Unnamed occurrence, copper (69°28'N, 142°49'W)

*Brosgé and Reiser, 1976 (OF 76-539), loc. 17
Grybeck, 1977 (OF 77-166C), p. 42, loc. 9

Unnamed occurrence, fluorite (69°18'N, 143°59'W)

*Brosgé and Reiser, 1976 (OF 76-539), loc. 36
Grybeck, 1977 (OF 77-166C), p. 42, loc. 3

Unnamed occurrence, fluorite (69°21'N, 143°59'W)

*Brosgé and Reiser, 1976 (OF 76-539), loc. 28
Grybeck, 1977 (OF 77-166C), p. 42, loc. 1

Unnamed occurrence, gold, silver (69°16'N, 143°54'W)

*Brosgé and Reiser, 1976 (OF 76-539), loc. 35
Grybeck, 1977 (OF 77-166C), p. 42, loc. 5

Unnamed occurrence, manganese (69°06'N, 142°18'W

*Detterman and others, 1975 (P 886), p. 23-24
Brosgé and Reiser, 1976 (OF 76-539), loc. 44
Grybeck, 1977 (OF 77-166C), p. 42, loc. 10
Barker, 1978 (USBM OF 63-78), p. 21, loc. 23

Unnamed occurrence, molybdenum (69°15'N, 143°58'W)

*Brosgé and Reiser, 1976 (OF 76-539), loc. 34
Grybeck, 1977 (OF 77-166C), p. 42, loc. 4

HOWARD PASS QUADRANGLE

(Drenchwater Cr.)

Bundtzen and Henning, 1978, p. 2
*Churkin and others, 1978 (C 772-B), p. B15-B17
Churkin and others, 1978 (OF 78-70A), p. 3, 6, 12-14
Grybeck and DeYoung, 1978 (OF 78-1-B), p. 4
Nokleberg and Winkler, 1978 (C 772-B), p. B17-B19
*Nokleberg and Winkler, 1978 (OF 78-70C)
*Grybeck and Nokleberg, 1979 (C 804-B), p. B20
Mayfield and others, 1979 (C 804-B), p. B12
*Mayfield and others, 1979 (OF 79-1092), p. 13-15, 17
Jansons and Baggs, 1980 (USBM OF 38-80), p. 30-46

(Lisburne Ridge)

*Patton and Matzko, 1959 (P 302-A), p. 11-12, 15
Cobb, 1975 (OF 75-628), p. 60
Grybeck, 1977 (OF 77-166C), p. 14, loc. 3
Jansons and Baggs, 1980 (USBM OF 38-80), p. 58

(Mt. Bupto)

*Patton and Matzko, 1959 (P 302-A), p. 11-12, 15
Cobb, 1975 (OF 75-628), p. 61
Tailleur and others, 1976 (C 733), p. 29
Grybeck, 1977 (OF 77-166C), p. 14, loc. 2
*Jansons and Baggs, 1980 (USBM OF 38-80), p. 59-60

(Rolling Pin Cr.)

*Churkin and others, 1978 (OF 78-70A), p. 20
*Jansons and Baggs, 1980 (USBM OF 38-80), p. 70-72

(Safari Cr.)

*Churkin and others, 1978 (OF 78-70A), p. 20-49
Grybeck and DeYoung, 1978 (OF 78-1-C), p. 15 [probably to this occurrence]
*Jansons and Baggs, 1980 (USBM OF 38-80), p. 61-62

(Siniktanneyak Mtn.)

*Nelson and others, 1979 (C 804-B), p. B16
*Janson and Baggs, 1980 (USBM OF 38-80), p. 65-69

(Story Cr.)

*Mayfield and others, 1979 (OF 79-1092), p. 17

MISHEGUK MOUNTAIN QUADRANGLE

(Avan R.)

Grybeck, 1977 (OF 77-166C), p. 10, loc. 1
*Degenhart and others, 1978 (USBM OF 103-78), p. 126, 210-231, 491

(Ginny Cr.)

*Mayfield and others, 1979 (C 804-B), p. B11-B12
*Mayfield and others, 1979 (OF 79-1092), p. 1, 7, 9-12, 15-17
Curtis and others, 1980 (OF 80-315)

(Inaccessible Ridge)

*Churkin and others, 1978 (OF 78-70A), p. 20, 30-31

(Kagvik Cr.)

*Churkin and others, 1978 (OF 78-70A), p. 20

(Kugururok R.)

*Anderson, 1947 (TDM 5-R), p. 18
Cobb, 1975 (OF 75-628), p. 62
Grybeck, 1977 (OF 77-166C), p. 10, loc. 2
Degenhart and others, 1978 (USBM OF 103-78), p. 126

(Misheguk Mtn.)

Grybeck, 1977 (OF 77-166C), p. 10, loc. 3
*Degenhart and others, 1978 (USBM OF 103-78), p. 126, 232-240, 491

(Nimiuktuk R.)

Mayfield and others, 1979 (C 804-B), p. B11-B12
*Mayfield and others, 1979 (OF 79-1092), p. 1, 3, 7, 9, 12-14, 17

MT. MICHELSON QUADRANGLE

(Canning R.)

Leffingwell, 1919 (P 109), p. 178
Anderson, 1947 (TDM 5-R), p. 34
*Cobb, 1975 (OF 75-628), p. 63

(Esetuk Glacier)

*Brosgé and Reiser, 1976 (OF 76-539), loc. 30
Grybeck, 1977 (OF 77-166C), p. 39, loc. 8

(Fire Cr.)

*Detterman, 1970
Tourtelot and Tailleur, 1971, p. 21-22, 54-55
Cobb, 1975 (OF 75-628), p. 64
Brosgé and Reiser, 1976 (OF 76-539), loc. 8

(Hulahula R.)

*Patton and Matzko, 1959 (P 302-A), p. 12-13, 15
Cobb, 1975 (OF 75-628), p. 65
Brosgé and Reiser, 1976 (OF 76-539), loc. 10
Grybeck, 1977 (OF 77-166C), p. 39, loc. 5

(Itkillik Cr.)

*Brosgé and Reiser, 1976 (OF 76-539), loc. 43
Grybeck, 1977 (OF 77-166C), p. 40, loc. 12
Barker, 1978 (USBM OF 63-78), p. 21

(Itkilyariak Cr.)

*Brosgé and Reiser, 1976 (OF 76-539), loc. 3
Grybeck, 1977 (OF 77-166C), p. 39, loc. 3

(Katak Cr.)

*Reed, 1968 (B 1236), p. 31, 33-34
Cobb, 1972 (MF-462), loc. 4
Cobb, 1975 (OF 75-628), p. 66
*Brosgé and Reiser, 1976 (OF 76-539), loc. 29
Grybeck, 1977 (OF 77-166C), p. 39, loc. 7

(Katakturuk R.)

*Patton and Matzko, 1959 (P 302-A), p. 12, 14-15
Cobb, 1972 (MF-462), loc. 3
Cobb, 1975 (OF 75-628), p. 67
Brosgé and Reiser, 1976 (OF 76-539), loc. 5
Grybeck, 1977 (OF 77-166C), p. 39, loc. 4

(Kolotuk Cr.)

*White, 1952 (C 195), p. 4-5, 7
Brosgé and Reiser, 1976 (OF 76-539), loc. 31

(Leffingwell Glacier)

Cobb, 1975 (OF 75-628), p. 68
Brosgé and Reiser, 1976 (OF 76-539), loc. 25
Grybeck, 1977 (OF 77-166C), p. 39, loc. 9
*Sable, 1977 (P 897), p. 69

(Nanook Cr.)

*Brosgé and Reiser, 1976 (OF 76-539), locs. 6, 7
Grybeck, 1977 (OF 77-166C), p. 39, loc. 1

(Okpilak R.)

*White, 1952 (C 195), p. 4-5, 7
Brosgé and Reiser, 1976 (OF 76-539), loc. 24

(Okpilak R., near head)

Leffingwell, 1919 (P 109), p. 178
Cobb, 1975 (OF 75-628), p. 69
*Brosgé and Reiser, 1976 (OF 76-539), loc. 40

(Old Man Cr.)

*Patton and Matzko, 1959 (P 302-A), p. 12, 14
*Brosgé and Reiser, 1976 (OF 76-539), loc. 16
Sable, 1977 (P 897), p. 69

(Sadlerochit R.)

*Patton and Matzko, 1959 (P 302-A), p. 12-13, 15
Cobb, 1975 (OF 75-628), p. 70
Brosgé and Reiser, 1976 (OF 76-539), loc. 15

(Shublik I.)

*Patton and Matzko, 1959 (P 302-A), p. 12, 14
Cobb, 1972 (MF-462), loc. 2
Cobb, 1975 (OF 75-628), p. 71
Brosgé and Reiser, 1976 (OF 76-539), loc. 13

Unnamed occurrences, aluminum (69°22'N, 145°42'W; 69°27'N, 144°27'W)

*U.S. Geological Survey, 1977 (P 1050), p. 81

Unnamed occurrence, copper (69°01'N, 144°40'W)

*Brosgé and Reiser, 1976 (OF 76-529), loc. 42
Grybeck, 1977 (OF 77-166C), p. 40, loc. 11
Barker, 1978 (USBM OF 63-78), p. 21

Unnamed occurrence, copper (69°04'N, 144°41'W

*Brosgé and Reiser, 1976 (OF 76-539), loc. 41
Grybeck, 1977 (OF 77-166C), p. 39, loc. 10
Barker, 1978 (USBM OF 63-78), p. 21

Unnamed occurrence, copper (69°38'N, 145°03'W)

*Brosgé and Reiser, 1976 (OF 76-539), loc. 2
Grybeck, 1977 (OF 77-166C), p. 39, loc. 2

Unnamed occurrence, fluorite (69°21'N, 144°01'W)

*Brosgé and Reiser, 1976 (OF 76-539), loc. 26

Unnamed occurrence, fluorite, lead, rare-earth elements(?) (69°20'N, 144°06'W)

*White, 1952 (C 195), p. 6-7
Brosgé and Reiser, 1976 (OF 76-539), loc. 23

Unnamed occurrence, gold (69°14'N, 144°32'W)

*Brosgé and Reiser, 1976 (OF 76-539), loc. 33

Unnamed occurrence, phosphate (69°38'N, 144°25'W)

*Patton and Matzko, 1959 (P 302-A), p. 12-13
Brosgé and Reiser, 1976 (OF 76-539), loc. 4

Unnamed occurrence, phosphate, uranium (69°28'N, 146°15'W)

*Patton and Matzko, 1959 (P 302-A), p. 12, 14-15
Cobb, 1972 (MF-462), loc. 1
Cobb, 1975 (OF 75-628), p. 72
Brosgé and Reiser, 1976 (OF 76-539), loc. 12

Unnamed occurrence, tungsten (69°22'N, 144°06'W)

*White, 1952 (C 195), p. 5, 7
*Brosgé and Reiser, 1976 (OF 76-539), loc. 21

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*Degenhart and others, 1978 (USBM OF 103-78), p. 108-110

(Maiyumerak Mtn.)

*Degenhart and others, 1978 (USBM OF 103-78), p. 241-249, 491

POINT LAY QUADRANGLE

(Kukpowruk R.)

*Huffman, 1979 (C 794), p. 77, 83

TABLE MOUNTAIN QUADRANGLE

(Bear Mtn.)

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*Brosgé and Reiser, 1976 (OF 76-539), locs. 49, 52, 53
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